



December 2, 2020

Mr. Robert Welch
Engineering Manager
Public Works Department
City of Beverly Hills
345 Foothill Road
Beverly Hills, CA 90210

Mr. Joseph DeMello
Director, Construction Manager
Westside Purple Line Extension Section 1
Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza, 17th Floor
Los Angeles, CA 90012

Subject: Segment 1 - Purple Line Extension Project ICM Weekly Report
November 22, 2020 – November 28, 2020

Dear Mr. Welch and Mr. DeMello,

Environmental Intelligence, LLC (EI) has been retained by the City of Beverly Hills (COBH) and the Los Angeles County Metropolitan Transportation Authority (Metro) to serve as the independent compliance monitor (ICM) during construction of the Purple Line Extension Project. Monitoring is required to ensure construction is in compliance with the MOA for Contract C1045 of the Purple Line Extension Project – Segment 1 – Between the City of Beverly Hills and the Los Angeles County Metropolitan Transportation Authority (City Agreement No. 66-16). The following information summarizes the ICM monitoring activities that occurred at the Segment 1 site (La Cienega Station site) during the week of **November 22, 2020 – November 28, 2020**. No construction activities were scheduled or monitored on November 22nd and November 26th through November 28th for the Thanksgiving Holiday.

Construction activities during the week included: rebar delivery below deck through *Station Access Center* on Wilshire Blvd.; concrete pour within the STS North Gale Yard; transporting equipment and materials from the shaft out of the Gale yard; deliveries of materials to the Gale yard; crane hoisting debris, materials and equipment in/out of the shaft; removing decking and lowering materials below deck on Wilshire Blvd.; equipment maintenance and work below the deck on Wilshire Blvd. EI ICMs were present on site during all construction activities. ICMs conducted routine noise measurements at selected noise monitoring locations as well as compliance checks in accordance with the MOAs and associated attachments, exhibits, traffic closure notifications, and traffic management plans. At the conclusion of each work shift, daily monitoring reports were prepared by the respective ICM. Any violations for that date were also prepared by the ICM then reviewed and submitted to the COBH and Metro by EI's Project Manager.

VIOLATION SUMMARY

During the week, EI ICMs identified no violations during construction activities. Daily monitoring reports and photographs of construction activities are provided as Attachment A (*Daily Monitoring Reports*). Daily noise monitoring data are provided in Attachment B (*Noise Monitoring Data Log*).

Robert Welch
Joseph DeMello
December 2, 2020


CONCLUSION

To date, 273 violations have been issued, 19 of which have been rescinded since the beginning of construction on the C1045 Contract for the Purple Line Extension Project – Segment 1. Project construction activities are ongoing and EI ICMs continue to monitor all construction activities applicable to the MOAs on a daily basis.

If you have any questions or comments regarding this letter, please contact me directly at 310.469.8989 or jeremiahgeorge@enviro-intel.com.

Sincerely,

ENVIRONMENTAL INTELLIGENCE, LLC

A handwritten signature in black ink, appearing to read "Jeremiah George", enclosed within a simple oval scribble.

Jeremiah George
Project Manager

Attachments: Attachment A: Daily Monitoring Reports
Attachment B: Noise Monitoring Data Log

cc: Nell Mardirosian, Los Angeles County Metropolitan Transportation Authority
Candace Lee, Los Angeles County Metropolitan Transportation Authority
Brett Barnett, Psomas
Bill Zein, Psomas
Alex Kay, City of Beverly Hills



Attachment A
Daily Monitoring Reports
 11/22/2020 - 11/28/2020



Summaries (3)

Date Monday, November 23, 2020
Monitor Annamarie Hand
Location La Cienega Station
Time 04:45:00 to 16:00:00
Compliant Yes
Summary Contractors/Subcontractors: STS; DCD; Dynalectric
 Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); Richard Garcia (Metro); German Garcia (Metro); Tarek Hamdi (Metro); Marvin Mai (Psomas); George Hernandez (Psomas)
 Work Location(s): N. Gale closure; N. Gale Yard; La Cienega Yard; Below the deck on Wilshire Blvd. EB 1 Closure on Wilshire Blvd. from Tower Dr. to San Vicente Blvd.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 04:45 hours to 16:00 hours on November 23rd, 2020. EI ICM Annamarie Hand met with Alex Morales (STS) to discuss the shift's activities. At the beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.
 Work for the shift included: Delivery of materials and equipment; Crane hoisting debris, materials and equipment in/out of the shaft; Transporting equipment and materials from the shaft out of the North Gale yard; Work below the deck on Wilshire Blvd.
 Heavy condensation and light rains early morning & Winds >9mph
 Note: COBH Tree Maintenance and Non-PLE related construction work on Gale Dr. limited access to noise monitoring locations.

Date Tuesday, November 24, 2020
Monitor Annamarie Hand
Location La Cienega Station
Time 04:45:00 to 16:00:00
Compliant Yes
Summary Contractors/Subcontractors: STS; DCD; Dynalectric; Pacific Steel Group; Global Transloading
 Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Richard Garcia (Metro); Tarek Hamdi (Metro); Marvin Mai (Psomas); George Hernandez (Psomas)
 Work Location(s): N. Gale closure; N. Gale Yard; La Cienega Yard; Below the deck on Wilshire Blvd.; EB 1 Closure on Wilshire Blvd. from Tower Dr. to San Vicente Blvd.; Wilshire Blvd. EB1,2 / WB 1 from Le Doux Dr. to Tower Dr.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 04:45 hours to 16:00 hours on November 24th, 2020. EI ICM Annamarie Hand met with Alex Morales (STS) to discuss the shift's activities. At the beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.
 Work for the shift included: Station access center for rebar delivery; Delivery of materials and equipment; Crane hoisting debris, materials and equipment in/out of the shaft; Transporting equipment and materials from the shaft out of the North Gale yard; Work below the deck on Wilshire Blvd.
 Winds >8mph
 Note: COBH tree maintenance and Non-PLE related construction work on Gale Dr. limited access to noise monitoring locations.





Attachment A
Daily Monitoring Reports
11/22/2020 - 11/28/2020



Date Wednesday, November 25, 2020

Monitor Annamarie Hand

Location La Cienega Station

Time 02:45:00 to 15:00:00

Compliant Yes

Summary Contractors/Subcontractors: STS; DCD; Dynalectric; Cemex

Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Richard Garcia (Metro); Tarek Hamdi (Metro); Marvin Mai (Psomas); George Hernandez (Psomas)

Work Location(s): N. Gale closure; N. Gale Yard; La Cienega Yard; Below the deck on Wilshire Blvd.; EB 1 Closure on Wilshire Blvd. from Tower Dr. to San Vicente Blvd.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 02:45 hours to 15:00 hours on November 25th, 2020. EI ICM Annamarie Hand met with Thomas Wukadinovich (STS) to discuss the shift's activities. At the beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.

Work for the shift included: Concrete pour in the STS North Gale Yard; Delivery of materials and equipment; Crane hoisting debris, materials and equipment in/out of the shaft; Transporting equipment and materials from the shaft out of the North Gale yard; Work below the deck on Wilshire Blvd.

Heavy condensation and light rain & Winds >9mph

Note: Non-PLE related construction work on N. Gale limited access to noise monitoring locations.





Photos

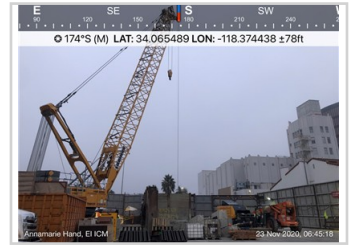


Photos (11)

UID: 5567 **Latitude:** 34.065418
Date: Nov 23, 2020 **Longitude:** -118.374476
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS crane lowering materials into the shaft in the North Gale yard.



UID: 5568 **Latitude:** 34.065291
Date: Nov 23, 2020 **Longitude:** -118.375146
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS crane lowering materials into the shaft in the North Gale yard.



UID: 5569 **Latitude:** 34.064456
Date: Nov 23, 2020 **Longitude:** -118.374
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS crane lifting out materials from the shaft in the North Gale yard.



UID: 5572 **Latitude:** 34.065133
Date: Nov 24, 2020 **Longitude:** -118.375287
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS crane lifting delivered rebar through the station access center on Wilshire Blvd between Gale Dr. and Hamilton Dr.



UID: 5573 **Latitude:** 34.064878
Date: Nov 24, 2020 **Longitude:** -118.374444
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS crane lowering rebar through Station Access Center on Wilshire Blvd. between Gale Dr. and Hamilton Dr.





Attachment B – Construction Noise Monitoring Results

| Receptor ID | Time of Measurement | Measured Noise Level Leq (15-Minute) | Applicable Noise Threshold | Exceeded Threshold? | Notes |
|--------------------------|---------------------|--------------------------------------|----------------------------|---------------------|--|
| November 23, 2020 | | | | | |
| SLC-7 | 7:15:00 | 60.7 | 69 | No | STS is working below the deck on Wilshire Blvd |
| SLC-7 | 8:15:00 | 62.5 | 71.7 | No | STS is working below the deck on Wilshire Blvd |
| SLC-4/L-9 | 9:15:00 | 63.1 | 66.5 | No | STS is working below the deck on Wilshire Blvd Ambient noise: delivery truck |
| SLC-1 | 10:15:00 | 62.5 | 68.1 | No | STS is working below the deck on Wilshire Blvd |
| SLC-1 | 11:45:00 | 63.8 | 65.7 | No | STS is working below the deck on Wilshire Blvd |
| November 24, 2020 | | | | | |
| SLC-1 | 6:15:00 | 62.6 | 64.2 | No | STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. between Gale Dr. and Hamilton Dr. |
| SLC-1 | 6:45:00 | 62.9 | 64.2 | No | STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. between Gale Dr. and Hamilton Dr. |
| SLC-1 | 7:15:00 | 63 | 67.1 | No | STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. between Gale Dr. and Hamilton Dr. |
| SLC-1 | 7:45:00 | 65 | 67.1 | No | STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. between Gale Dr. and Hamilton Dr. |
| SLC-1 | 8:00:00 | 63.4 | 68 | No | STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. between Gale Dr. and Hamilton Dr. |
| SLC-1 | 8:30:00 | 62.2 | 68 | No | STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. between Gale Dr. and Hamilton Dr. |
| SLC-1 | 9:15:00 | 61.8 | 67.2 | No | STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. between Gale Dr. and Hamilton Dr. |
| SLC-1 | 10:15:00 | 62.8 | 68.1 | No | STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. between Gale Dr. and Hamilton Dr. |
| SLC-7 | 11:15:00 | 61.9 | 71.9 | No | STS crane is lifting out debris from the shaft in the North Gale yard |
| November 25, 2020 | | | | | |
| SLC-7 | 5:15:00 | 63.5 | 62 | N/P | Cemex is pouring concrete in the STS North Gale yard. Ambient noise: delivery truck with backup alarm |



| Receptor ID | Time of Measurement | Measured Noise Level Leq (15-Minute) | Applicable Noise Threshold | Exceeded Threshold? | Notes |
|-------------|---------------------|--------------------------------------|----------------------------|---------------------|---|
| SLC-2 | 5:45:00 | 60.5 | 62 | No | Cemex is pouring concrete in the STS North Gale yard |
| SLC-7 | 6:15:00 | 63.8 | 64 | No | Cemex is pouring concrete in the STS North Gale yard |
| SLC-7 | 7:15:00 | 64 | 69 | No | Cemex is pouring concrete in the STS North Gale yard |
| SLC-7 | 7:45:00 | 64 | 69 | No | Cemex is pouring concrete in the STS North Gale yard |
| SLC-7 | 8:15:00 | 64.8 | 71.7 | No | Cemex is pouring concrete in the STS North Gale yard |
| SLC-7 | 8:45:00 | 70.1 | 71.7 | No | Cemex is pouring concrete in the STS North Gale yard Ambient noise: garbage trucks |
| SLC-2 | 9:15:00 | 61.4 | 71.8 | No | Cemex is pouring concrete in the STS North Gale yard |
| SLC-7 | 9:45:00 | 64.3 | 71.8 | No | Cemex is pouring concrete in the STS North Gale yard |
| SLC-7 | 10:15:00 | 64.4 | 71.6 | No | Cemex is pouring concrete in the STS North Gale yard |
| SLC-7 | 10:45:00 | 63 | 71.6 | No | Cemex is pouring concrete in the STS North Gale yard |
| SLC-7 | 11:15:00 | 63 | 71.9 | No | Cemex is pouring concrete in the STS North Gale yard |
| SLC-7 | 11:45:00 | 63.3 | 71.9 | No | Cemex is pouring concrete in the STS North Gale yard |